



Motorola syn1654A Microphone Replacement

This repair guide will walk the user through each step in removing and replacing the microphone on the device.

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INTRODUCTION

Before proceeding with the replacement guide, make sure the headphones are unplugged from any device.



TOOLS:

- [T6 Torx Screwdriver](#) (1)
- [Soldering Station](#) (1)
- [Flush Wire Cutters](#) (1)



PARTS:

- [Microphone](#) (1)

Step 1 — Microphone



- Remove star head screw from above base of the microphone with T6 Torx Screwdriver.
- To prevent stripping, use an appropriate bit and ensure screwdriver is oriented perpendicular to the face of the screw.

Step 2



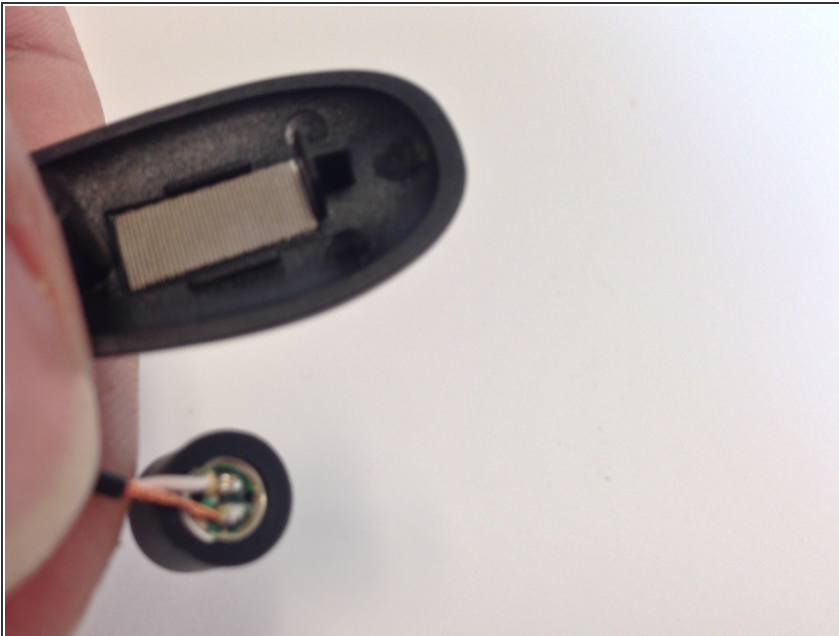
- To expose the next screw, peel foam cover from the base toward the end of microphone.
- Remove screw with screwdriver and place in a safe location.

Step 3



- With Screws removed, remove the microphone from foam and plastic cover to be inspected.
- If the microphone is corroded or wires are frayed; it must be replaced.
- Replacement microphone can be purchased online or at a local electronics store

Step 4



- Clip both wires to remove defective microphone.
- Be sure to clip as close to the base of the microphone as possible in order to have enough wire for the new microphone.
- Align wires with corresponding pads on new microphone and solder in place.
- For soldering, see the IFixit soldering guide: [How To Solder and Desolder Connections](#)

To reassemble your device, follow these instructions in reverse order.